

## **METHOD AND APPARATUS FOR ESTIMATION OF COMPONENT GATING AND SHORTAGE RISK IN MANUFACTURING OPERATIONS**

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5      **ABSTRACT OF THE DISCLOSURE**

10      A method for estimation of component gating risk in manufacturing operations  
is disclosed. The method includes generating an altered component plan by altering a  
component plan for a component, computing a mean production value using the  
altered component plan, and computing the component gating risk using the mean  
production value.